

ABSTRACT

A bakery case-use surface-treated steel sheet excellent in battery performance, a battery case and a battery using it. The battery case is obtained by forming, on the surface corresponding to a battery case of a inner surface of a steel sheet to be plated a surface-treated steel sheet having a nickel-plated layer as a lower layer and a nickel-phosphorus alloy plated layer or a nickel-cobalt-phosphorus alloy plated layer as an upper layer by a deep drawing method, a DI (drawing and ironing) method or a DTR (drawing thin and redraw) method.